

MSP 450 *Champion*

24 wire • 80 column • 360 cps



The Unbeatable
Office Printer

- 10 Million Characters TVS Ribbon Cassette
- 200 Million Characters Print Head
- Trilingual Office Printer
- Prints in 10 Indian Languages
- High Copy Capability - Original + 3 copies
- Wide Operating Voltage - 150 - 270V AC

MSP 450 Champion Product Specifications

Print Method	Serial Impact Dot Matrix			Input Buffer (Kilo Bytes)	40 KB
Print Direction	Bi-directional Logic Seeking			Reliability-MTBF (Power on Hours)	6,000 POH**
Print Head – Type	24 Wire			Acoustics - Noise Level	55 dB(A)
Print Width	80 Column			Emulation	Epson ESC P/2, IBM Proprinter
Print Head Life	200 Million Characters*			Interface Standard Optional	Centronics IEEE-P1284A Parallel RS 232C Serial
Print Speed				Software Specification Drivers	Windows 95, 98, NT 4.0, 2000, Me, XP, Linux Redhat HTML Based
Character Pitch (dpi)	10	12	15	Electronic Guide	
High Speed Draft (cps)	300	360	-	Electrical Specifications	
Draft (cps)	250	300	375	Operating Voltage	150 - 270V AC
Near Letter Quality (cps)	83	100	125	Mains Frequency	47 - 63 Hz
Draft ISCII (cps)	250	-	-	Power (Standby)	~12 W
LQ ISCII (cps)	50	-	-	Environmental - Operating Conditions	
Resident Printer Fonts				Temperature	+5 to +45° C
Draft	Draft, High Speed Draft			Relative Humidity	10% to 80%
Letter Quality	Roman, Sans Serif, Script Courier, Prestige, Orator-S			Physical Dimensions	
Letter Quality Scalable Fonts	Roman & Sans Serif (8 to 40 points)			Size (WxDxH) mm	433 x 379 x 147
Printer Built-in Fonts	English & Devanagari (includes Hindi, Marathi)			Weight (Kg)	5.7
Third Language Downloadable Fonts	Assamese, Bengali, Gujarathi, Gurmukhi (Punjab), Kannada, Malayalam, Oriya, Tamil, Telugu				
Resident Barcode Font	Code 3 of 9				
Paper Handling				Ordering Information	
Paper Path-Standard	Top, Rear and Bottom			Product Code	3006050002
Continuous-Tractor Feed-Standard	Convertible Push & Pull			Description	MSP 450 Champion
Paper Size				Standard Configuration	CD-ROM Quick Reference Manual Insertion Plate Convertible Push/Pull Tractor Black Ribbon Cassette Parallel Interface Cable Power Cord
Continuous Form Width	3.5 - 10"			Optional	
Cutsheets Width	3.5 - 10"			2028020001	TVS Ribbon Cassette 80 column
Paper Thickness (max) - Tractor feed	0.3 mm			2017100002	TVS Inkbank - pack of 5
Paper Thickness (max) - Friction feed	0.3 mm				
Copy Capability*	1+3 with carbon				
Consumables - Ribbon					
Type	Unique TVS Ribbon Cassette with Replaceable Inkbank				
Colour	Standard Black				
Ribbon Life	40 Million Characters with 3 additional Inkbanks				
Cassette Refill Mode	Through Inkbank				
Inkbank Life	10 Million Characters**				

* Max. possible copy capability ** At 10 cpi draft # @ 33% print density and 25% duty cycle ## Excluding print head @ 33% print density and 25% duty cycle 1 kg = 2.2 lbs; 1 inch = 2.54 cms



10 Million Characters TVS Ribbon Cassette



200 Million Character
Print Head



Higher copy capability



EPA POLLUTION PREVENTER
As an Energy Star Partner TVS Electronics
determines that this product meets the
Energy Star Guidelines for energy efficiency.



Note: All specifications are at standard operating conditions and are subject to change without notice. All other products or brand names are registered trademarks of their respective holders.

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